

AMENDMENTS TO THE CLAIMS:

This listing of claims will replace all prior versions, and listings, of claims in the application:

LISTING OF CLAIMS:

1.-5. (Canceled)

6. (Currently Amended) A heat-sensitive lithographic printing plate precursor comprising a substrate having an ink-receptive surface ~~having a light-to-heat conversion function~~ or coated with an ink-receptive layer containing a light-to-heat conversion material, having provided thereon a hydrophilic layer which comprises:

(1) a colloid of an oxide or a hydroxide of at least one element selected from the group consisting of beryllium, magnesium, aluminum, silicon, titanium, boron, germanium, tin, zirconium, iron, vanadium, antimony, and transition metals,

(2) a hydrophilic resin, and

(3) a light-to-heat conversion material and

a hydrophilic overcoat layer capable of being removed on a printing machine, in this order.

7. (Previously Presented) A heat-sensitive lithographic printing plate precursor comprising a substrate having an ink-receptive surface or coated with an ink-receptive layer having provided thereon a hydrophilic layer which comprises:

(1) a colloid of an oxide or a hydroxide of at least one element selected from the group consisting of beryllium, magnesium, aluminum, silicon, titanium, boron, germanium, tin, zirconium, iron, vanadium, antimony, and transition metals;

(2) a hydrophilic resin; and

(3) a light-to-heat conversion material, and

a hydrophilic overcoat layer capable of being removed on a printing machine, in this order.

8. (Currently Amended) A heat-sensitive lithographic printing plate precursor comprising a substrate subjected to a surface roughing treatment and coated with an ink-receptive layer having provided thereon a hydrophilic layer which comprises:

(1) a colloid of an oxide or a hydroxide of at least one element selected from the group consisting of beryllium, magnesium, aluminum, silicon, titanium, boron, germanium, tin, zirconium, iron, vanadium, antimony, and transition metals;

(2) a hydrophilic resin; [[and]]

(3) a light-to-heat conversion material, and

a hydrophilic overcoat layer capable of being removed on a printing machine, in this order.

9. (Currently Amended) A heat-sensitive lithographic printing plate precursor comprising a substrate having an ink-receptive surface or coated with an ink-receptive layer having provided thereon a hydrophilic layer which comprises:

(1) as a main component, a colloid of an oxide or a hydroxide of at least one element selected from the group consisting of beryllium, magnesium, aluminum, silicon, titanium, boron, germanium, tin, zirconium, iron, vanadium, antimony, and transition metals wherein the colloid is present in an amount of 63.3 to 93.0 wt% based on the total solid content of the hydrophilic layer;

(2) a hydrophilic resin in an amount of 5 to 20 wt%; and

(3) a light-to-heat conversion material in an amount of 2 to 20 wt%.

10. (Canceled)

11. (Previously Presented) The heat-sensitive lithographic printing plate precursor as claimed in claim 8, wherein the ink-receptive layer contains a light-to-heat conversion material.

12. (Currently Amended) The heat-sensitive lithographic printing plate precursor as claimed in any one of claims 6, 7 and 8, wherein the hydrophilic layer comprises:

(1) as a main component, the colloid of an oxide or a hydroxide of at least one element selected from the group consisting of beryllium, magnesium, aluminum, silicon, titanium, boron, germanium, tin, zirconium, iron, vanadium, antimony, and transition metals;

(2) the hydrophilic resin in an amount of 5 to 20 wt%; and

(3) the light-to-heat conversion material in an amount of 2 to 20 wt%.

13. (Previously Presented) The heat-sensitive lithographic printing plate precursor as claimed in any one of claims 6, 7 and 9, wherein the substrate is subjected to a surface roughing treatment.

14. (Currently Amended) The heat-sensitive lithographic printing plate precursor as claimed in ~~any one of claims 6, 8 and~~ claim 9, which further comprises, on the hydrophilic layer, a hydrophilic overcoat layer capable of being removed on a printing machine.

15. (Previously Presented) The heat-sensitive lithographic printing plate precursor as claimed in claim 7, wherein the hydrophilic overcoat layer contains a light-to-heat conversion material.

16. (Previously Presented) The heat-sensitive lithographic printing plate precursor as claimed in claim 14, wherein the hydrophilic overcoat layer contains a light-to-heat conversion material.